

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Inventor: Ni et al. Art Unit: 1642
 Appl. No.: 09/263,689 Filed: March 5, 1999
 Title: Galectin 9 and 10SV Polypeptides
 1 Sheet of 18 Sheets
 Docket No.: 1488.0560002

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10          30          50
TTCGGCACGAGAGCTCTTCTCACAGGACCAGCCACTAGCGCACCTCGAGCGATGGCCTAT
                                     M A Y
70          90          110
GTCCCCGCACCGGGCTACCAGCCCACCTACAACCCGACGCTGCCTTACTACCAGCCCATC
V P A P G Y Q P T Y N P T L P Y Y Q P I
130         150         170
CCGGGCGGGCTCAACGTGGGAATGTCTGTTTACATCCAAGGAGTGGCCAGCGAGCACATG
P G G L N V G M S V Y I Q G V A S E H M
190         210         230
AAGCGGTTCTTCGTGAACTTTGTGGTTGGGCAGGATCCGGGCTCAGACGTGCGCTTCCAC
K R F F V N F V V G Q D P G S D V A F H
250         270         290
TTCAATCCGCGGTTTGACGGCTGGGACAAGGTGGTCTTCAACACGTTGCAGGGCGGGAAG
F N P R F D G W D K V V F N T L Q G G K
310         330         350
TGGGGCAGCGAGGAGAGGAAGAGGAGCATGCCCTTCAAAAAGGGTGCCGCTTTGAGCTG
W G S E E R K R S M P F K K G A A F E L
370         390         410
GTCTTCATAGTCCTGGCTGAGCACTACAAGGTGGTGGTAAATGGAAATCCCTTCTATGAG
V F I V L A E H Y K V V V N G N P F Y E
430         450         470
TACGGGCACCGGCTTCCCCTACAGATGGTCACCCACCTGCAAGTGGATGGGGATCTGCAA
Y G H R L P L Q M V T H L Q V D G D L Q
490         510         530
CTTCAATCAATCAACTTCATCGGAGGCCAGCCCTCCGGCCCCAGGGACCCCGATGATG
L Q S I N F I G G Q P L R P Q G P P M M
550         570         590
CCACCTTACCCTGGTCCCGGACATTGCCATCAACAGCTGAACAGCCTGCCACCATGGAA
P P Y P G P G H C H Q Q L N S L P T M E
610         630         650
GGACCCCCAACCTTCAACCCGCTGTGCCATATTTGGGAGGCTGCAAGGAGGGCTCACA
G P P T F N P P V P Y F G R L Q G G L T
670         690         710
GCTCGAAGAACCATCATCATCAAGGGCTATGTGCCTCCCACAGGCAAGAGCTTTGCTATC
A R R T I I I K G Y V P P T G K S F A I
730         750         770
AACTTCAAGGTGGGCTCCTCAGGGGACATAGCTCTGCACATTAATCCCCGCATGGGCAAC
N F K V G S S G D I A L H I N P R M G N
790         810         830
GGTACCGTGGTCCGGAACAGCCTTCTGAATGGCTCGTGGGGATCCGAGGAGAAGAAGATC
G T V V R N S L L N G S W G S E E K K I
850         870         890
ACCCACAACCCATTTGGTCCCGACAGTTCTTTGATCTGTCCATTGCTGTGGCTTGGAT
T H N P F G P G Q F F D L S I R C G L D
910         930         950
CGCTTCAAGGTTTACGCCAATGGCCAGCACCTCTTTGACTTTGCCCATCGCCTCTCGGCC
R F K V Y A N G Q H L F D F A H R L S A
970         990         1010
TTCCAGAGGGTGGACACATTGGAATCCAGGGTGATGTCACCTTGTCCTATGTCCAGATC
F Q R V D T L E I Q G D V T L S Y V Q I
1030        1050        1070
TAATCTATTCTGGGGCCATAACTCATGGGAAAACAGAATTATCCCCTAGGACTCCTTTC
*
1090        1110        1130
TAAGCCCCTAATAAAATGTCTGAGGGTGTCTCATGAAAAAAAAAAAAAAAAAAAAA

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FIG. 1

APPROVED	O. G. FIG.	
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Inventor: Ni et al. Art Unit: 1642
 Appl. No.: 09/263,689 Filed: March 5, 1999
 Title: Galectin 9 and 10SV Polypeptides
2 Sheet of 18 Sheets
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      10              30              50
AGAGGCGGCGGAGAGATGGCCTTCAGCGGTTCCCAGGCTCCCTACCTGAGTCCAGCTGTC
      M A F S G S Q A P Y L S P A V
      70              90              110
CCCTTTTCTGGGACTATTCAAGGAGGTCTCCAGGACGGACTTCAGATCACTGTCAATGGG
P F S G T I Q G G L Q D G L Q I T V N G
      130              150              170
ACCGTTCTCAGCTCCAGTGAACCAAGGTTTGCTGTGAACCTTCAGACTGGCTTCAGTGGA
T V L S S S G T R F A V N F Q T G F S G
      190              210              230
AATGACATTGCCTTCCACTTCAACCCTCGGTTTGAAGATGGAGGGTACGTGGTGTGCAAC
N D I A F H F N P R F E D G G Y V V C N
      250              270              290
ACGAGGCAGAACGGAAGCTGGGGGCCCCGAGGAGAGGAAGACACACATGCCCTTCCAGAAG
T R Q N G S W G P E E R K T H M P F Q K
      310              330              350
GGGATGCCCTTTGACCTCTGCTTCTGGTGCAGAGCTCAGATTTCAAGGTGATGGTGAAC
G M P F D L C F L V Q S S D F K V M V N
      370              390              410
GGGATCCTCTTCGTGCAGTACTTCCACCGCGTGCCCTTCCACCGTGTGGACACCATCTCC
G I L F V Q Y F H R V P F H R V D T I S
      430              450              470
GTCAATGGCTCTGTGCAGCTGTCTACATCAGCTTCCAGACCCAGACAGTCATCCACACA
V N G S V Q L S Y I S F Q T Q T V I H T
      490              510              530
GTGCAGAGCGCCCTGGACAGATGTTCTCTACTCCCGCCATCCCACCTATGATGTACCCC
V Q S A P G Q M F S T P A I P P M M Y P
      550              570              590
CACCCCGCCTATCCGATGCCTTTCATCACCACCATCTGGGAGGGCTGTACCCATCCAAG
H P A Y P M P F I T T I L G G L Y P S K
      610              630              650
TCCATCCTCCTGTGAGGCACTGTCTGCCCAGTGCTCAGAGGTTCCACATCAACCTGTGC
S I L L S G T V L P S A Q R F H I N L C
      670              690              710
TCTGGGAACCACATCGCCTTCCACCTGAACCCCCGTTTTGATGAGAATGCTGTGGTCCGC
S G N H I A F H L N P R F D E N A V V R
      730              750              770
AACACCCAGATCGACAACCTCCTGGGGGTCTGAGGAGCGAAGTCTGCCCGAAAAATGCCC
N T Q I D N S W G S E E R S L P R K M P
      790              810              830
TTCGTCCGTGGCCAGAGCTTCTCAGTGTGGATCTTGTGTGAAGCTCACTGCCTCAAGGTG
F V R G Q S F S V W I L C E A H C L K V
      850              870              890
GCCGTGGATGGTCAGCACCTGTTTGAATACTACCATCGCCTGAGGAACCTGCCACCATC
A V D G Q H L F E Y Y H R L R N L P T I
      910              930              950
AACAGACTGGAAGTGGGGGGCGACATCCAGCTGACCCATGTGCAGACATAGGCGGCTTCC
N R L E V G G D I Q L T H V Q T *
      970              990              1010
TGGCCCTGGGGCCGGGGGCTGGGGTGTGGGGCAGTCTGGGTCCTCTCATCATCCCCACTT
      1030              1050              1070
CCCAGGCCAGCCTTTCCAACCCTGCCTGGGATCTGGGCTTTAATGCAGAGGCCATGTCC
      1090              1110              1130
TTGTCTGGTCTGCTTCTGGCTACAGCCACCCTGGAACGGAGAAGGCAGCTGACGGGGAT

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FIG. 2A

APPROVED	O. G. FIG.	
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 Title: Galectin 9 and 10SV Polypeptides
3 Sheet of 18 Sheets
 Docket No.: 1488.0560002

1150	1170	1190
TGCCTTCCTCAGCCGCAGCAGCACCTGGGGCTCCAGCTGCTGGAAATCCTACCATCCCAG		
1210	1230	1250
GAGGCAGGCACAGCCAGGGAGAGGGGAGGAGTGGGCAGTGAAGATGAAGCCCCATGCTCA		
1270	1290	1310
GTCCCCTCCCATCCCCACGCAGCTCCACCCCAGTCCCAAGCCACCAGCTGTCTGCTCCT		
1330	1350	1370
GGTGGGAGGTGGCCTCCTCAGCCCCCTCCTCTCTGACCTTTAACCTCACTCTCACCTTGCA		
1390	1410	1430
CCGTGCACCAACCCTTCACCCCTCCTGGAAAGCAGGCCTGATGGCTTCCCACTGGCCTCC		
1450	1470	1490
ACCACCTGACCAGAGTGTTCTCTTCAGAGGACTGGCTCCTTTCCCAGTGTCTTAAATA		
1510	1530	
AAGAAATGAAAATGCTTGTTGGCAAAAAAAAAAAAAAAAAAAAAA		

FIG.2B

APPROVED	O.G. FIG.	
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Inventor: Ni et al. Art Unit: 1642
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 4 Sheet of 18 Sheets
 Docket No.: 1488.0560002

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      10              30              50
ACACCAGTCTTTGGGGCCAGTGCCTCAGTTTCAATCCAGGTAACCTTTAAATGAAACTTG
      70              90              110
CCTAAAATCTTAGGTCATACACAGAAGAGACTCCAATCGACAAGAAGCTGGAAAAGAATG
                                          M
      130             150             170
ATGTTGTCCTTAAACAACCTACAGAAATATCATCTATAACCCGGTAATCCCGTTTGTTGGC
M L S L N N L Q N I I Y N P V I P F V G
      190             210             230
ACCATTCCTGATCAGCTGGATCCTGGAACCTTGATTGTGATACGTGGGCATGTTCTAGT
T I P D Q L D P G T L I V I R G H V P S
      250             270             290
GACGCAGACAGATTCCAGGTGGATCTGCAGAAATGGCAGCAGTGTGAAACCTCGAGCCGAT
D A D R F Q V D L Q N G S S V K P R A D
      310             330             350
GTGGCCTTTCAATTCCTCGTTTCAAAAGGGCCGGCTGCATTGTTTGCAATACTTTG
V A F H F N P R F K R A G C I V C N T L
      370             390             410
ATAAATGAAAAATGGGGACGGGAAGAGATCACCTATGACACGCCTTTCAAAAGAGAAAAG
I N E K W G R E E I T Y D T P F K R E K
      430             450             470
TCTTTTGAGATCGTGATTATGGTGCTAAAGGACAAATTCCAGGTGGCTGTAAATGAAAA
S F E I V I M V L K D K F Q V A V N G K
      490             510             530
CATACTCTGCTCTATGGCCACAGGATCGGCCAGAGAAAATAGACACTCTGGGCATTTAT
H T L L Y G H R I G P E K I D T L G I Y
      550             570             590
GGCAAAGTGAATATTTCACTCAATTGGTTTTAGCTTCAGCTCGGACTTACAAAGTACCCAA
G K V N I H S I G F S F S S D L Q S T Q
      610             630             650
GCATCTAGTCTGGAACCTGACAGAGATAGTTAGAGAAAATGTTCCAAAGTCTGGCACGCCC
A S S L E L T E I V R E N V P K S G T P
      670             690             710
CAGCTTAGCCTGCCATTCGCTGCAAGGTTGAACACCCCCATGGGCCCTGGACGAACTGTC
Q L S L P F A A R L N T P M G P G R T V
      730             750             770
GTCGTTAAAGGAGAAGTGAATGCAAATGCCAAAAGCTTTAATGTTGACCTACTAGCAGGA
V V K G E V N A N A K S F N V D L L A G
      790             810             830
AAATCAAAGGATATTGCTCTACACTTGAACCCACGCCTGAATATTAAGCATTTGTGAGA
K S K D I A L H L N P R L N I K A F V R
      850             870             890
AATTCCTTTTCTTCAAGAGTCCTGGGGAGAAGAAGAGAGAAATATTACCGCTTTCCATTT
N S F L Q E S W G E E E R N I T A F P F
      910             930             950
AGTCCTGGGATGTACTTTGAGATGATAATTTATTGTGATGTTAGAGAATTCAAGGTTGCA
S P G M Y F E M I I Y C D V R E F K V A
      970             990             1010
GTAAATGGCGTACACAGCCTGGAGTACAAACACAGATTTAAAGAGCTCAGCAGTATTGAC
V N G V H S L E Y K H R F K E L S S I D
      1030             1050             1070
ACGCTGGAAATTAATGGAGACATCCACTTACTGGAAGTAAGGAGCTGGTAGCCTACCTAC
T L E I N G D I H L L E V R S W *

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FIG.3A

APPROVED	O G. FIG.	
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 Title: Galectin 9 and 10SV Polypeptides
5 Sheet of 18 Sheets
 Docket No.: 1488.0560002

1090	1110	1130
ACAGCTGCTACAAAAACCAAATACAGAATGGCTTCTGTGATACTGGCCTTGCTGAAACG		
1150	1170	1190
CATCTCACTGTCATTCTATTGTTTATATTGTTAAAATGAGCTTGTGCACCATTAGGTCCT		
1210	1230	1250
GCTGGGTGTTCTCAGTCCTTGCCATGAAGTATGGTGGTGTCTAGCACTGAATGGGGAAAC		
1270	1290	1310
TGGGGGCAGCAACACTTATAGCCAGTTAAAGCCACTCTGCCCTCTCTCCTACTTTGGCTG		
1330	1350	1370
ACTCTTCAAGAATGCCATTCAACAAGTATTTATGGAGTCCTACTATATACAGTAGCTAAC		
1390	1410	1430
ATGTATTGAGCACAGATTTTTTTGGTAAACCTGTGAGGGCTAGGGTATATCCTTGGGAAC		
1450	1470	
AAACCAGAATGTCCTGTCCCTTGAAAAAAAAAAAAAAAAA		

FIG.3B

APPROVED	O. G. FIG.	
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Inventor: Ni et al. Art Unit: 1642
 Appl. No.: 09/263,689 Filed: March 5, 1999
 Title: Galectin 9 and 10SV Polypeptides
6 Sheet of 18 Sheets
 Docket No.: 1488.0560002

ACACCAGTCTTTGGGGCCAGTGCCTCAGTTTCAATCCAGGTAACCTTTAAATGAACTTG
 CCTAAAATCTTAGGTCATACACAGAAGAGACTCCAATCGACAAGAAGCTGGAAAAGAATG
 M
 ATGTTGTCCTTAAACAACCTACAGAATATCATCTATAACCCGGTAATCCCGTTTGTGGC
 M L S L N N L Q N I I Y N P V I P F V G
 ACCATTCTGATCAGCTGGATCCTGGAACCTTTGATTGTGATACGTGGGCATGTTCTAGT
 T I P D Q L D P G T L I V I R G H V P S
 GACGCAGACAGATTCCAGGTGGATCTGCAGAATGGCAGCAGCATGAAACCTCGAGCCGAT
 D A D R F Q V D L Q N G S S M K P R A D
 GTGGCCTTTCATTTCAATCCTCGTTTCAAAGGGCCGGCTGCATTGTTTGCAATACTTTG
 V A F H F N P R F K R A G C I V C N T L
 ATAAATGAAAAATGGGGACGGGAAGAGATCACCTATGACACGCCTTTCAAAGAGAAAAAG
 I N E K W G R E E I T Y D T P F K R E K
 TCTTTTGAGATCGTGATTATGGTGCTGAAGGACAAATTCAGGTGGCTGTAAATGGAAAA
 S F E I V I M V L K D K F Q V A V N G K
 CATACTCTGCTCTATGGCCACAGGATCGGCCAGAGAAAATAGACACTCTGGGCATTTAT
 H T L L Y G H R I G P E K I D T L G I Y
 GGCAAAGTGAATATTTCACTCAATTGGTTTTAGCTTCAGCTCGGACTTACAAAGTACCCAA
 G K V N I H S I G F S F S S D L Q S T Q
 GCATCTAGTCTGGAAGTACAGAGATAAGTAGAGAAAATGTTCCAAAGTCTGGCAGCCCC
 A S S L E L T E I S R E N V P K S G T P
 CAGCTTGAGTATTTTTGCCTGGGTTATTTTCATGTGGAATATTTTATAAAGTTGCATAG
 Q L V S I F A W V I S C G I F Y K V A *
 AAAATGAACAGTTTAAACCGTGGAGGGCAGCTTCATTTCATTCCATTCTTACTGTAGAAC
 TGTTTCCCTACAGCCTAGTAATAGAGGAGGAGACATTTCTAAAATCGCACCCAGAAGTGT
 CTACACCAAGAGCAAAGATTGACTGTCAATCACACTTTGACTTGACCAAAAATACCACC
 TATGAACTATGTGTCAAAGGGTTTGAAGAGCACCAAATTTCTTAACTCTATATAAAAAAT
 TAAGTTGTAATGAGCTGTTACGAGTAACCTGTATCCACAATAGAGGCCCAAAGCAGCCCC
 CTCTGCATTTGTGTGCCGTCCCTGGACGGATTGAGAGTCAACCAGGCCTGCCTCTGAGC
 CATTCTGTGTATTTCTCAGCACCTCCCTGCTTGGCTGCTTCCCTTCAGGCAGAACAC
 AGTACTGCCTCAGACCCAGGCACAGGGGGCCTTCTGGCGTGTTTCACTCATACAGAGG
 GCATCGGGTCCCACCCTGTCACTCATTTTCATCGTCTAAAATGTAATCATGTGTGTTTGCT
 TCGAGCCAGGGACAGTGTGCTGCAGGGGACCCAGCTGGGACCAAGGCAGACTGTCTCTC
 CCCTCCTGGGATTTACAGGGTCATGGCTCTGAAACATTCCGTAGTGTTCTTTGGACACGA
 GTTTTCCCTGGAGATCGCTTTCTGCAGGCTCTTGGTCTGACTGTGGCTTCTTTTCAGAG
 GCTGCCATTTGCTGCAAGGTTGAACACCCCATGGGCCCTGGACGAACTGTCGTCGTTA
 AAGGAGAAGTGAATGCAATGCCAAAAGCTTTAATGTTGACCTACTAGCAGGAAAAATCAA
 AGGATATTGCTCTACACTTGAACCCACGCCGAATATTAAAGCATTGTGAAGAAATCTT
 TTCTTCAGGAGTCTGGGGAGAAGAAGAGAGAAATATTACCTCTTTCCATTTAGTCCTG
 GGATGTACTTTGAGATGATAATTTATTGTGATGTTAGAGAATTCAAGGTTGACAGTAATG
 GCGTACACAGCCTGGAGTACAAACACAGATTTAAAGAGCTCAGCAGTATTGACAGCTGG
 AAATTAATGGAGACATCCACTTACTGGAAGTAAGGAGCTGGTAGCCTACCTACACAGCTG

FIG. 4A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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Title: Galectin 9 and 10SV Polypeptides
7 Sheet of 18 Sheets
Docket No.: 1488.0560002

CTACAAAACCAAAATACAGAATGGCTTCTGTGATACTGGCCTTGCTGAAACGCAAAAAA
AAAAAAAAAAAAAAAA

FIG.4B

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
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Inventor: Ni et al. Art Unit: 1642
 Appl. No.: 09/263,689 Filed: March 5, 1999
 Title: Galectin 9 and 10SV Polypeptides
8 Sheet of 18 Sheets
 Docket No.: 1488.0560002

[illegible][illegible]

FIG. 5A

Inventor: Ni et al. Art Unit: 1642
Appl. No.: 09/263,689 Filed: March 5, 1999
Title: Galectin 9 and 10SV Polypeptides
9 Sheet of 18 Sheets
Docket No.: 1488.0560002

FIG. 5B

Inventor: Ni *et al.* Art Unit: 1642
 Appl. No.: 09/263,689 Filed: March 5, 1999
 Title: Galectin 9 and 10SV Polypeptides
10 Sheet of 18 Sheets
 Docket No.: 1488.0560002

FIG. 5C

45	HFNPRFSE	---	STIIVCNSLDGSN	WGQEQR	EDH---	LCFSP	Galectin 2 hu
158	HFNPRFNE	NR---	RVIVCN	TKLDNN	WGQREER	QSV---	Galectin 3 hu
238	HMNPRIGD	-C---	VVRNSY	MNGSWG	SEERKIP	YN-PFGA	Galectin 4 rat
57	HLNPRFDENA	---	VVRNTQ	INNSWG	PEERSLP	GSMPFSR	Galectin 5 rat
118	---	---	---	---	---	---	Galectin 7 hu
170	HFNPRFNE	NR---	RVIVCN	TKQDNN	WGQREER	QSA---	Galectin 3 rat
228	HLNPRLVKA	---	FVRNSF	LQDAWG	EEERNIT	TC-FPFS	Galectin 8 rat
45	HFNPRFNA	HGDA	NTIVCNS	KDGGAWG	TEQREAV	---	Galectin 1 hu
236	HLNPRVMG	NGT---	VVRNSL	LNGSWG	SEEEKIT	HN-PFGP	Galectin 8 hu
223	HLNPRFDENA	---	VVRNTQ	IDNSWG	SEERSLP	RKMPPFVR	Galectin 9 hu
229	HLNPRLVNI	KA---	FVRNSF	LQESWG	EEERNIT	TA-FPFS	Galectin 10
79	GSEVKFTVT	FESE	DKFKVK	KLPGCHEL	TFPNRL	-GHS	Galectin 2 hu
195	GKPFKIQVL	VEPD	HFVKVAV	NDALHLL	QYNH	RVKKN	Galectin 3 hu
272	GQFFDL	SIRCGT	DRFKVF	ANGQHL	FDFSHR	FQAFQ	Galectin 4 rat
93	GQRFESV	WILCE	GHC	GQHTCE	YSHRL	MNLP	Galectin 5 rat
118	---	---	---	---	---	---	Galectin 7 hu
207	GKPFKIQVL	VEAD	HFVKVAV	NDVHLL	QYNH	HRMKN	Galectin 3 rat
263	GMYFEM	IIYCD	VRREF	KVAVNG	VHSL	EYKH	Galectin 8 rat
83	GSVAEV	CITFD	QANLTV	KLPDGY	EFKFP	NRL-NLE	Galectin 1 hu
271	GQFFDL	SIRCGL	DRFKV	YANGQH	LLFDFA	HRLSAF	Galectin 8 hu
259	GQSF	SVWIL	CEAHCL	KVAVD	GQHL	FEYYHRL	Galectin 9 hu
264	GMYFEM	IIYCD	VRREF	KVAVNG	VHSL	EYKH	Galectin 10

FIG.5D

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 Appl. No.: 09/263,689 Filed: March 5, 1999
 Title: Galectin 9 and 10SV Polypeptides
12 Sheet of 18 Sheets
 Docket No.: 1488.0560002

Galectin 2 hu
 Galectin 3 hu
 Galectin 4 rat
 Galectin 5 rat
 Galectin 7 hu
 Galectin 3 rat
 Galectin 8 rat
 Galectin 1 hu
 Galectin 8 hu
 Galectin 9 hu
 Galectin 10

118 S V R G G F N M S S F K L K - E
 235 G I S G D I D L T S A S Y T M I
 312 E I K G D I T L S Y V Q - - - I
 133 E V A G D I Q L T H V E - - - T
 123 E V G G D V Q L L D S V R - I - F
 247 G I I G D I T L T S A S H A M I
 303 A V D G D I R L L D V R - S W
 122 A A D G D F K I K C V A F - - D
 311 E I Q G D V T L S Y V Q - I -
 299 E V G G D I Q L T H V Q - T -
 304 E I N G D I H L L E V R - S W

FIG.5E

APPROVED	O. G. FIG.	
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 Appl. No.: 09/263,689 Filed: March 5, 1999
 Title: Galectin 9 and 10SV Polypeptides
13 Sheet of 18 Sheets
 Docket No.: 1488.0560002

Galectin10SV.aa

X

RatRL30.aa

Percent Similarity: 84.422 Percent Identity: 71.357

2	MLSLNNLQNI IYNPVIPFVGTIPDQLDPGTLIVIRGHVP\$DADRFOVDLQ	51
1	MLSLSNLQNI IYNPTIPYVSTITEQLKPGSLIVIRGHVPKDSERFOVDFQ	50
52	NGSSMKPRADVAHFHNPRFKRAGCIVCNTLINEKWGREEITYDTPFKREK	101
51	HGNSLKPRADVAHFHNPRFKRSNCIVCNTLTNEKWGWEEITHDMPFRKEK	100
102	SFEIVIMVLKDKFQVAVNGKHTLLYGHRIGPEKIDTLGIYGKVNIIHSIGF	151
101	SFEIVIMVLKNKFHVAVNGKHILLYAHNRINPEKIDTLGIFGKVNIIHSIGF	150
152	SFSSDLQSTQASSLELTEISRENVPKSGTPQL.VSIFAWVISC.....GI	195
151	RFSSDLQSMETSTLGLTQISKENIQKSGKLHLSLPFEARLNASMGPGRTV	200
196	FYKVA 200	
201	VVKGE 205	

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 Title: Galectin 9 and 10SV Polypeptides
14 Sheet of 18 Sheets
 Docket No.: 1488.0560002

Galectin10.aa
 X
 Galectin10SV.aa

Ga1-10	1	MMLSLNNLQNI IYNPVI PFVGTIPDQLDPGTLIVIRGHVPSDADRFQVDL	50
Ga1-10SV	1	MMLSLNNLQNI IYNPVI PFVGTIPDQLDPGTLIVIRGHVPSDADRFQVDL	50
Ga1-10	51	QNGSSVKPRADVAHFHNPRFKRAGCIVCNTLINEKWGREEITYDTPFKRE	100
Ga1-10SV	51	: QNGSSMKPRADVAHFHNPRFKRAGCIVCNTLINEKWGREEITYDTPFKRE	100
Ga1-10	101	KSFEIVIMVLKDKFQVAVNGKHTLLYGHRI GPEKIDTLGIYGVNIHSIG	150
Ga1-10SV	101	KSFEIVIMVLKDKFQVAVNGKHTLLYGHRI GPEKIDTLGIYGVNIHSIG	150
Ga1-10	151	FSFSSDLQSTQASSLELTEIVRENVPKSGTPQLSLPFAARLNTPMGPGR	200
Ga1-10SV	151	FSFSSDLQSTQASSLELTEISRENVPKSGTPQLVSIFAWVISCGIFYKVA	200
Ga1-10	201	VVVKGEVNANAKSFNVDLLAGKSKDIALHLNPRLNIKAFVRNSFLQESWG	250
Ga1-10	251	EEERNITAFPFSPGMYFEMI IYCDVREFK VAVNGVHSLEYKHRFKELSSI	300
Ga1-10	301	DTLEINGDIHLLEVRSW 317	

FIG.7

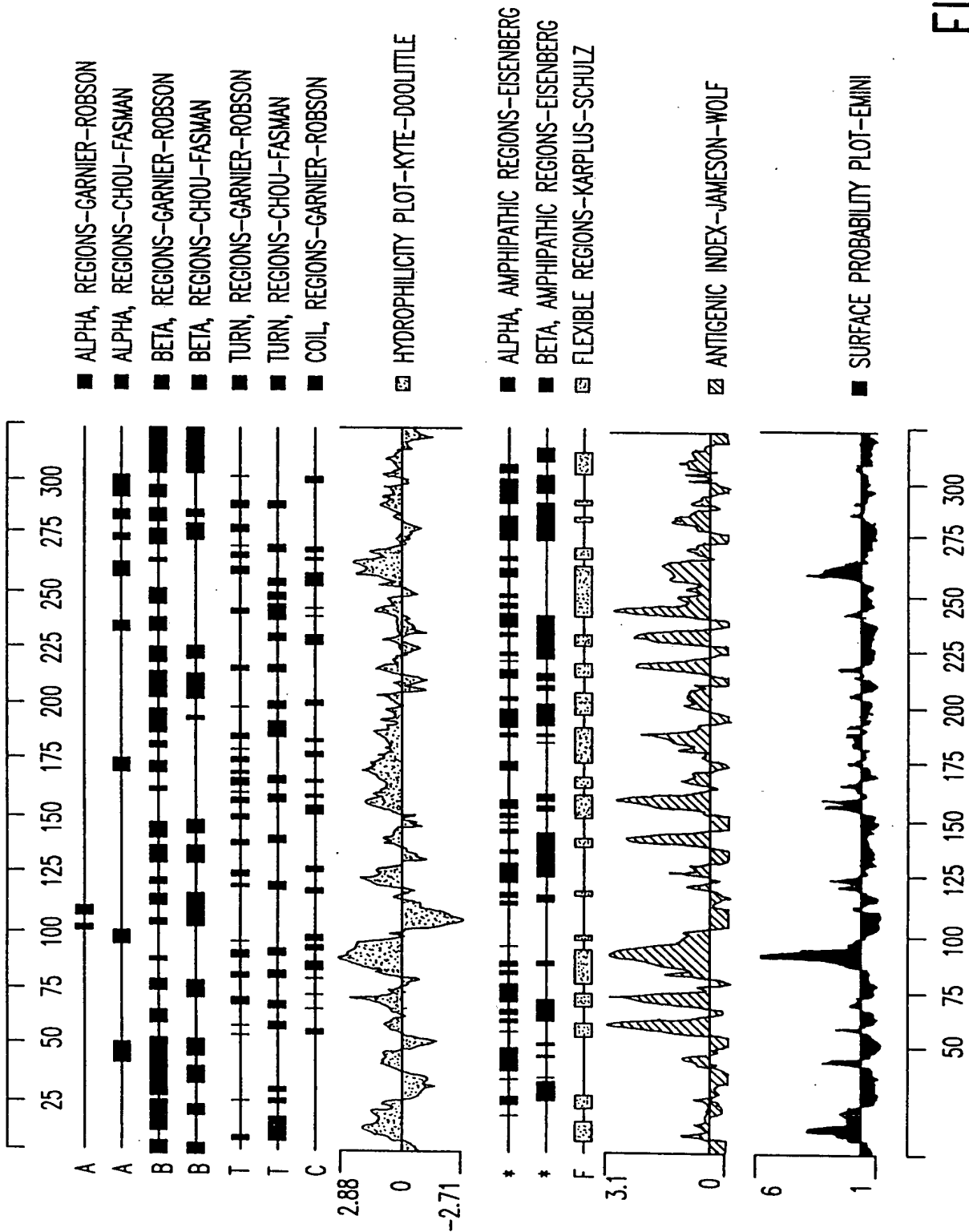


FIG.8

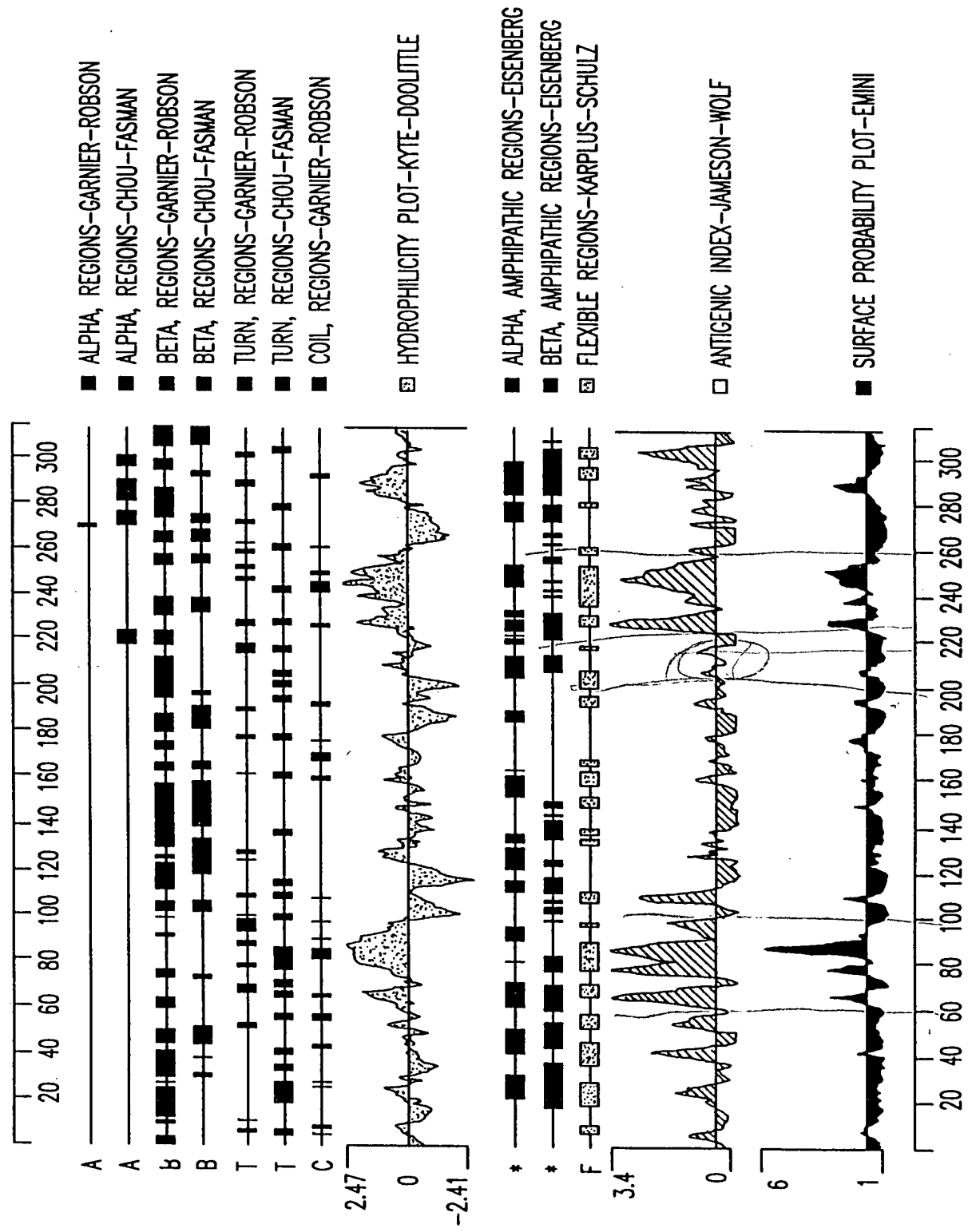


FIG.9

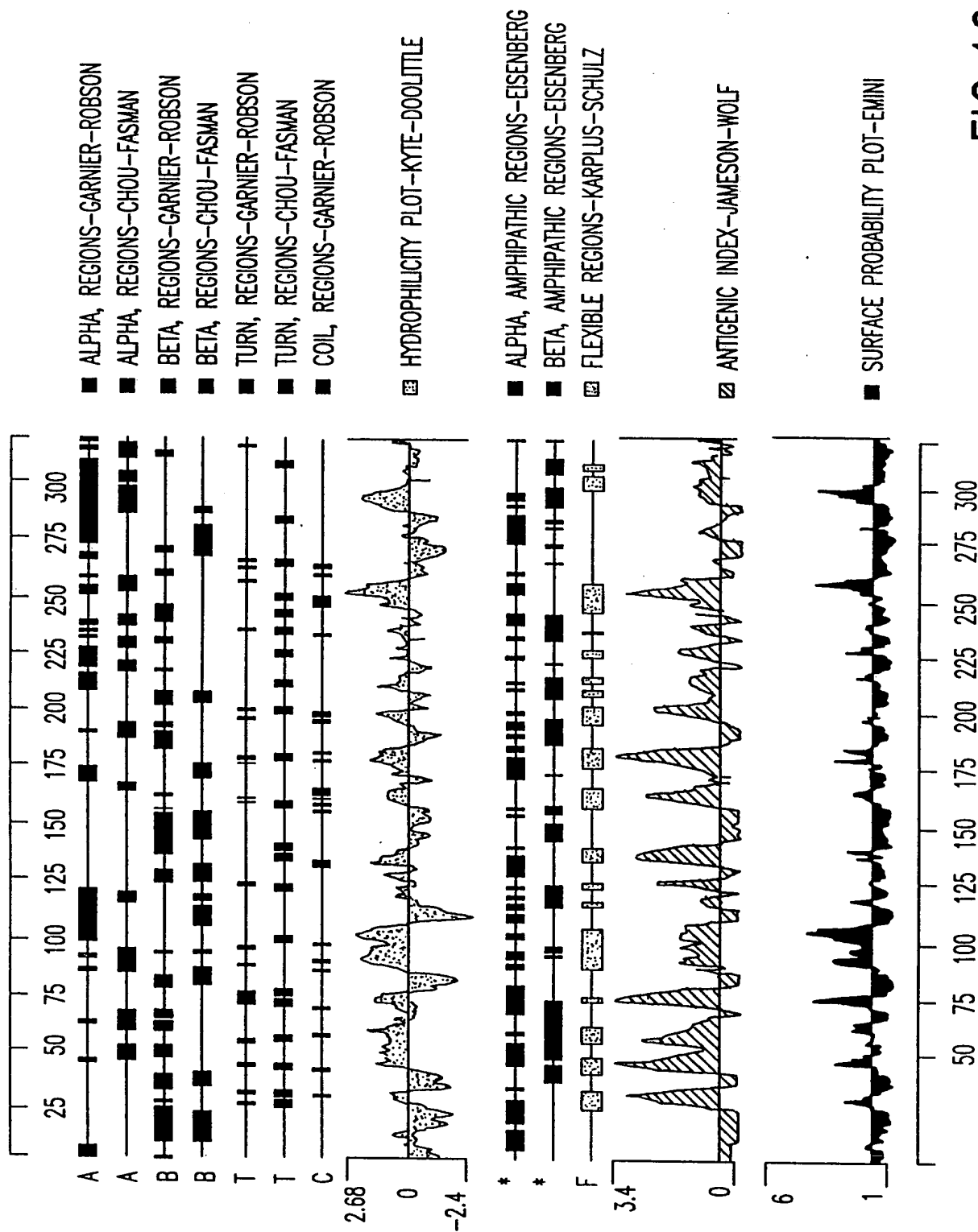


FIG.10

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
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Inventor: Ni et al. Art Unit: 1642
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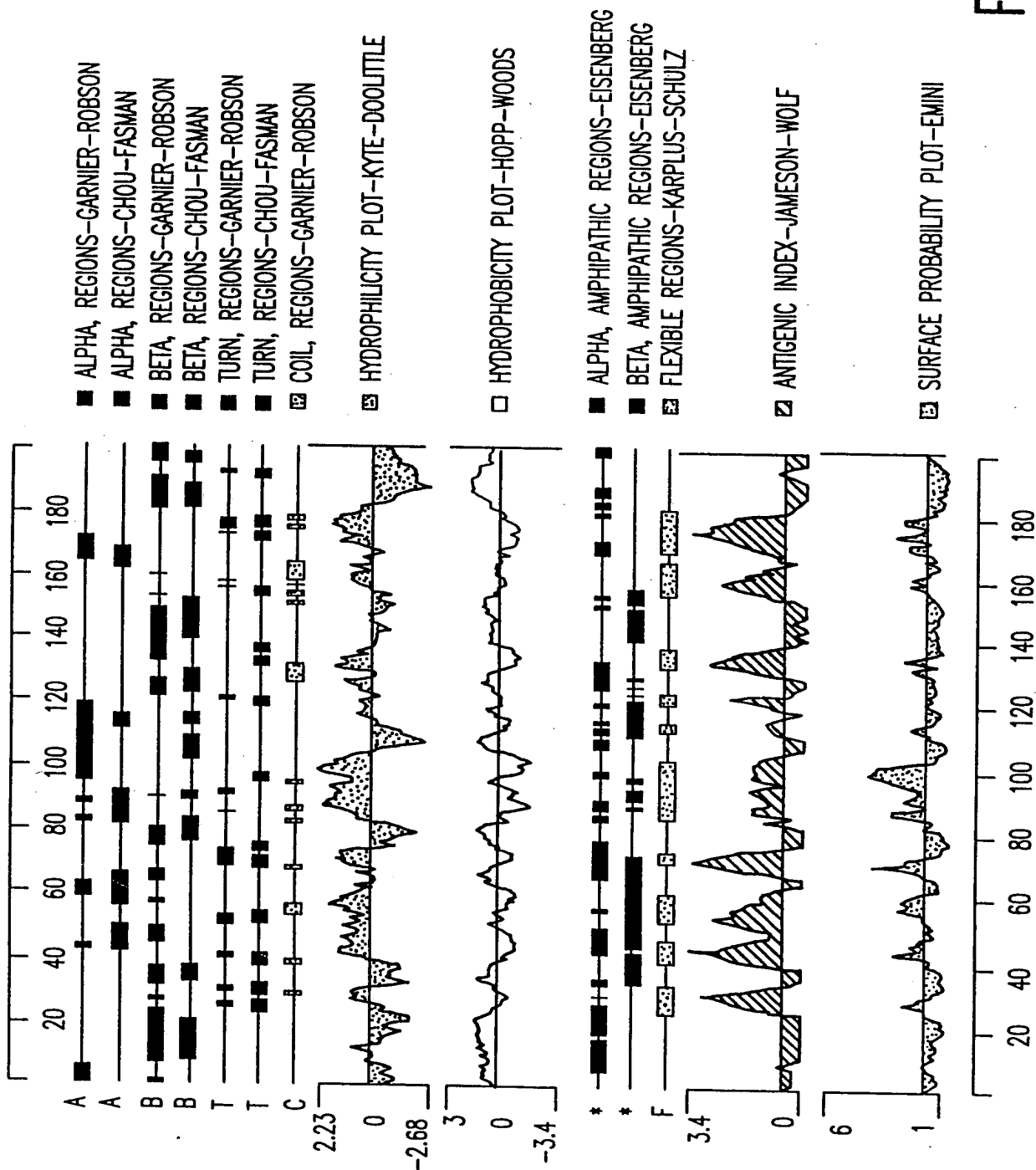


FIG.11